Types of Networks

Task 1 [10 Marks]

Different types of networks will often use different connections. For the three example networks below, identify which wired or wireless connection type may be used.

Connection Type	PAN	LAN	WAN
USB			
Ethernet Cable			
Fibre Optic			
Bluetooth			
WiFi			

Task 2 [4 Marks]

Personal Area Networks are often used to connect our smartphone to our laptop or tablet. Identify two reasons below why we might want to create a PAN between these devices.

1. _____

2. _____

Task 3 [2 Marks]

Businesses will often use a Local Area Network. Identify two reasons why a business uses this type of network.

1. _____ 2. _____

Task 4 [4 Marks]

A medium sized business based in London has opened a second office in Glasgow. They need a private & secure method of transmitting files between the two offices. They're unsure whether they should use a private dedicated WAN or VPN. Discuss the relevant merits and drawbacks of these options.

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